

Materials List for:

Analysis of Apoptosis in Zebrafish Embryos by Whole-mount Immunofluorescence to Detect Activated Caspase 3

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Materials

Name	Company	Catalog Number	Comments
1.5 ml tubes	Denville Scientific	c2170	Nonhazardous. Any similar 1.5 m plastic tubes will suffice.
10x Phosphate Buffered Saline (PBS)	Sigma Aldrich	P5493	Nonhazardous.
a-activated-human-Caspase-3 antibody	Fisher Scientific	BDB559565	May be harmful if inhaled or swallowed.
a-GFP monoclonal antibody (mouse)	Life Technologies	33-2600	May be harmful if inhaled or swallowed.
a-HuC/HuD human neuronal protein, mouse IgG2b, monoclonal 16A11 - UNCONJ	Life Technologies	A21271	May be harmful if inhaled or swallowed.
Albumin, Bovine BSA Heat Shock Isolation	Amresco	CAS 9048-46-8	Nonhazardous. Can also be purchased through Bioexpress: 0332-1006
Alexa Fluor 488 Donkey anti-mouse IgG	Life Technologies	A11029	Use at 1:200 dilution. May be harmful if inhaled or swallowed.
Alexa Fluor 488 Donkey anti-Rabbit IgG	Life Technologies	A21206	Use at 1:200 dilution. May be harmful if inhaled or swallowed.
Alexa Fluor 568 Donkey anti-Rabbit IgG	Life Technologies	A10042	Use at 1:200 dilution. May be harmful if inhaled or swallowed.
Dimethyl Sulfoxide (DMSO)	Sigma Aldrich	D8418	Flammable.
Dumont #5 Inox Forceps (standard tips/straight)	Fine Science Tools	11251-20	Sharp!
FBS HyClone Fetal Bovine Serum	Thermo-Fisher	SH3091003	Nonhazardous.
Fisher Scientific Ocelot Rotator	Fisher Scientific	05-450-21	Any rotator with manual speed control is suitable.
Instant Ocean Aquarium Salt	Petco	1373684	Nonhazardous.
Methanol (acetone-free)	Sigma Aldrich	M1775	Flammable: toxic by inhalation, ingestion and contact.
Methylcellulose	Sigma Aldrich	M0387-1006	Nonhazardous.
Paraformaldehyde	Sigma Aldrich	P6148	Flammable: toxic by inhalation, ingestion and contact.
Probe (Angled 80 Short/15.5cm/0.15mm tip diameter)	Fine Science Tools	10140-02	Sharp!
Pronase	Roche	11459643001	Nonhazardous.
Pyrex Spot Plate	Fisher Scientific	13-748B	Nonhazardous.
Transfer Pipets, Samco general purpose	Thermo-Scientific	204	Nonhazardous.
Triton X-100	Sigma Aldrich	T8787	Irritant: harmful by ingestion or contact.

Tween-20	Sigma Aldrich	P7949	Nonhazardous. Other brands include VWR #97063-872.
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